Handle Warning Label Replacement (Continued)

Step 1 Removing the Warning Label

a. Place the unit on a protected work surface.

b. Starting at one corner, peel the handle warning label from the outer cover assembly.

c. If necessary, use a cleaning cloth with a small amount of isopropyl alcohol to remove any adhesive residue remaining on the outer cover assembly.

Step 2 Installing the Warning Label

a. Remove the protective backing from the handle warning label.

b. Set the label in place and press firmly.

7.4.6 Lamp Replacement Caution Label Replacement

Replacement Part Number (U.S. and Canada) 3600-033

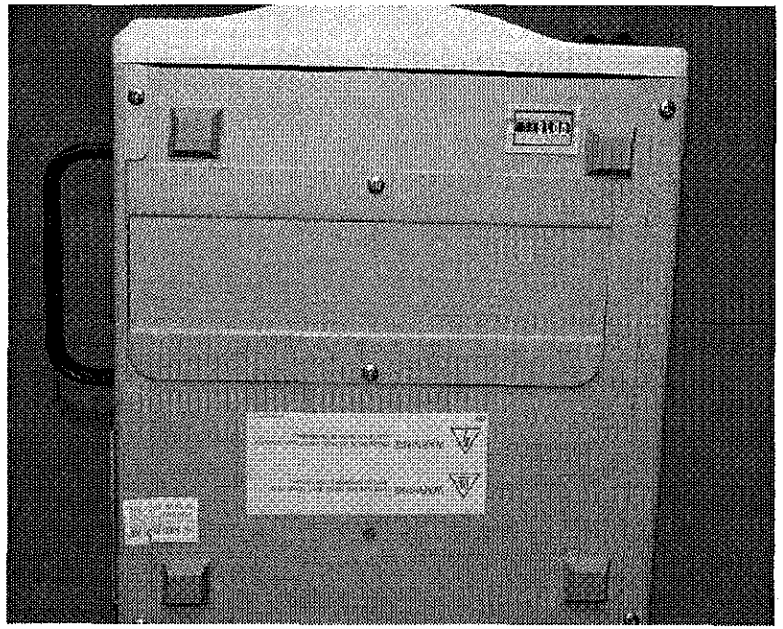
Replacement Part Number (International) 3600-034

Included in Kit:	Tools Required:
Caution label	Isopropyl alcohol Cleaning cloth

Procedure

Removed / Installed During Process:

- Caution label



Lamp Replacement Caution Label Replacement (Continued)

Step 1 Removing the Caution Label

a. On a protected work surface, carefully turn the unit over exposing the bottom of the main chassis subassembly.

b. Starting at one corner, peel the lamp replacement caution label from the main chassis subassembly.

c. If necessary, use a cleaning cloth with a small amount of isopropyl alcohol to remove any adhesive residue remaining on the outer cover assembly.

Step 2 Installing the Caution Label

a. Remove the protective backing from the lamp replacement caution label.

b. Set the label in place and press firmly.

c. Return the unit to its upright position.

7.4.7 Outer Cover Assembly Replacement

Replacement Part Number (U.S. and Canada) 3600-014

Replacement Part Number (International) 3600-040

Included in Kit:	Tools Required:
Outer cover enclosure Handle Label, handle warning	Phillips screwdriver (medium)
Available in Fastener Kit:	
6-32 × .250" Phillips Sems screw (×4)	

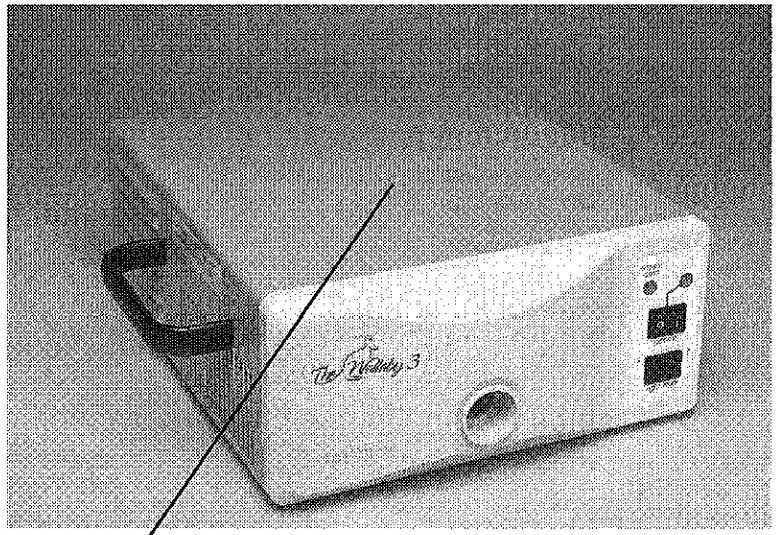
Procedure

Removed / Installed During Process:

- Light access door (See Section 5.4, Steps 2-4 for more detailed instructions.)
- Outer cover assembly

WARNING: Electrical shock hazard: Disconnect the electrical supply before attempting to make any repairs to the device.

CAUTION: Electronic components used in this device are subject to damage from static electricity. Repairs made to this device must be performed only in an antistatic, ESD-protected environment.



Outer Cover Assembly Replacement (Continued)

Step 1 Removing the Outer Cover Assembly

a. On a protected work surface, carefully turn the unit over exposing the bottom of the main chassis subassembly.

b. Using a medium Phillips screwdriver, remove the four Phillips Sems screws that secure the outer cover assembly to the main chassis subassembly.

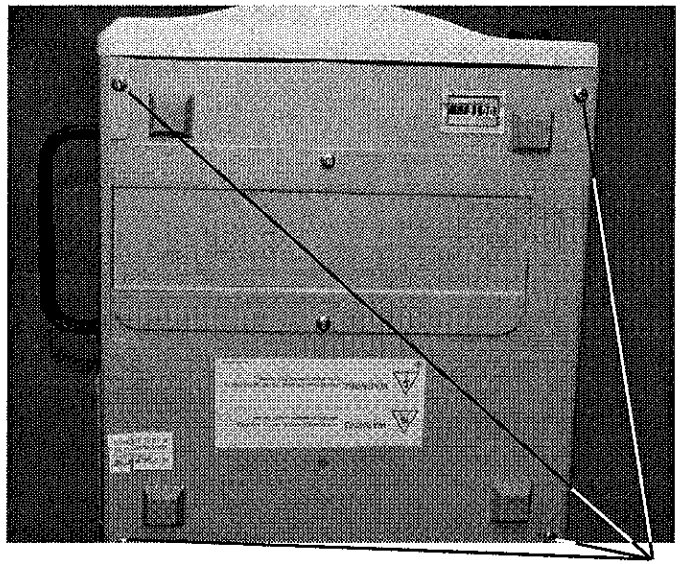


Figure 7-6
Outer Cover Assembly Screw Location

c. Slide the outer cover assembly towards the back of the main chassis subassembly until it is completely removed. It may be necessary to slightly "spread" the outer cover assembly to allow for clearance of the screws that secure the handle.

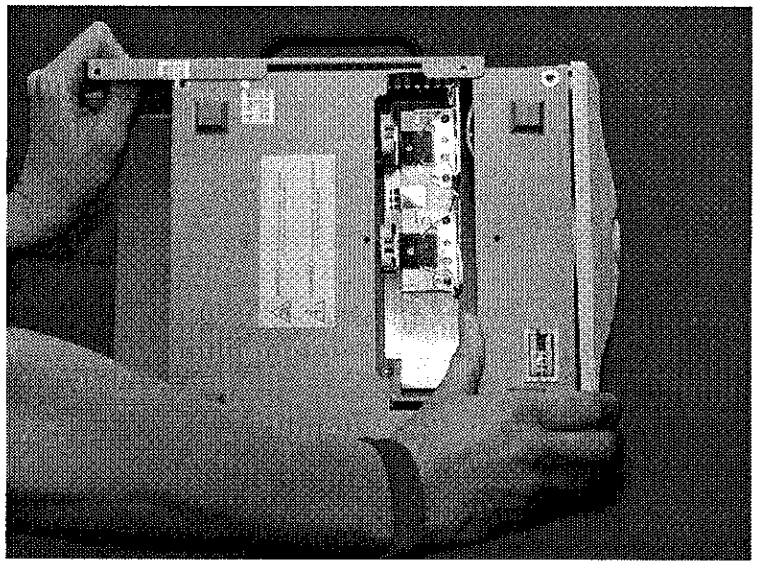


Figure 7-7
Removing the Outer Cover Assembly

Outer Cover Assembly Replacement (Continued)

Step 2 Installing the Outer Cover Assembly

a. Working from the back of the unit, align the outer cover assembly with the main chassis subassembly. Note that the handle on the outer cover assembly will be located on the right side of the unit.

b. Slide the outer cover assembly towards the front panel until it is completely seated. It may be necessary to slightly "spread" the outer cover assembly to allow for clearance of the screws that secure the handle.

c. Install and tighten the four Phillips Sems screws that secure the outer cover assembly to the main chassis subassembly.

7.4.8 Handle Replacement

Replacement Part Number 3600-007

Included in Kit:	Tools Required:
Handle	Phillips screwdriver (medium)
Available in Fastener Kit: 10-32 × .375" Phillips screw (×2)	

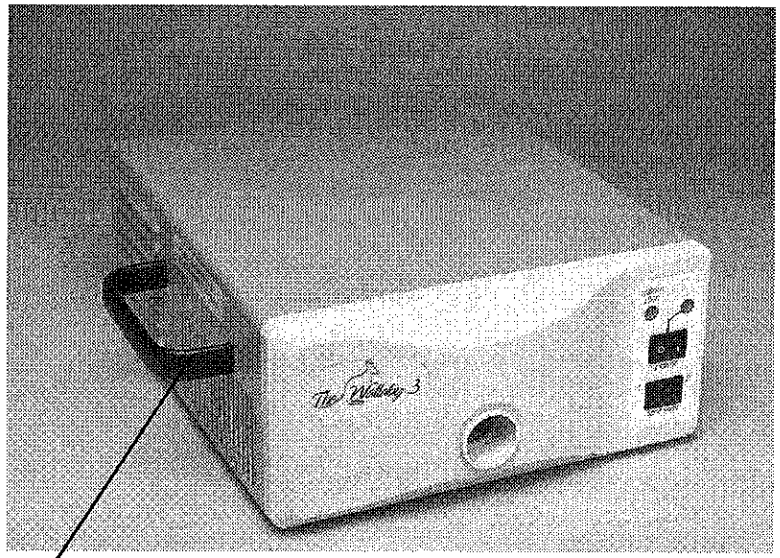
Procedure

Removed / Installed During Process:

- Light access door (See Section 5.4, Steps 2-4 for more detailed instructions.)
- Outer cover assembly (See Section 7.4.7 for more detailed instructions.)
- Handle

WARNING: Electrical shock hazard: Disconnect the electrical supply before attempting to make any repairs to the device.

CAUTION: Electronic components used in this device are subject to damage from static electricity. Repairs made to this device must be performed only in an antistatic, ESD-protected environment.



Handle Replacement (Continued)

Step 1 Removing the Handle

a. Using a medium Phillips screwdriver, remove the two Phillips screws that secure the handle to the outer cover assembly.

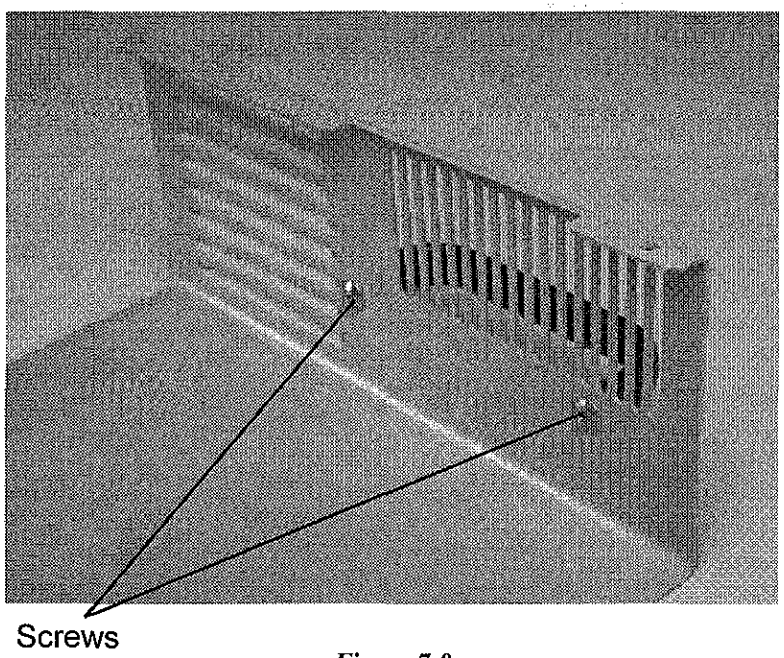


Figure 7-8
Handle Screw Location

Step 2 Installing the Handle

a. Align the handle with the screw holes in the outer cover assembly.

b. Install and tighten the two Phillips screws that secure the handle to the outer cover assembly.

7.4.9 Linear Slide Micro Switch Subassembly Replacement

Replacement Part Number 3600-021

Included in Kit:	Tools Required:
Linear slide micro switch w/ wiring harness Linear slide micro switch bracket	Phillips screwdriver (medium) Phillips screwdriver (small)
Available in Fastener Kit:	
4-40 × .250" Phillips screw (×2) 2-56 × .500" Phillips screw (×2) 2-56 Keps nuts (×2)	

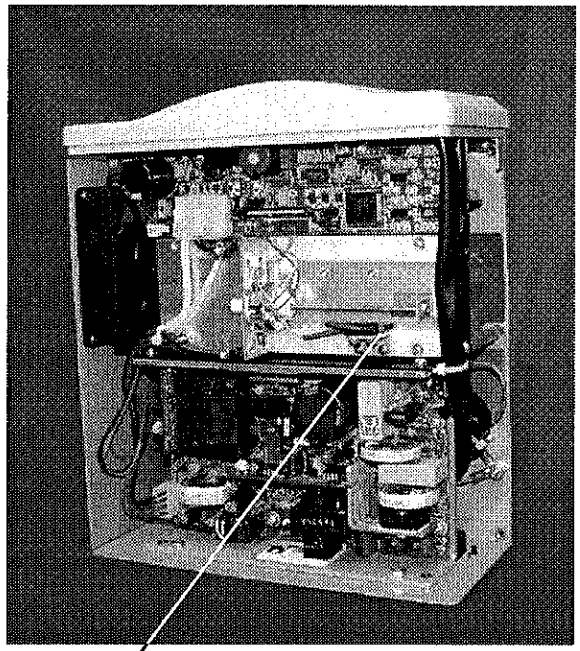
Procedure

Removed / Installed During Process:

- Light access door (See Section 5.4, Steps 2-4 for more detailed instructions.)
- Outer cover assembly (See Section 7.4.7 for more detailed instructions.)
- Linear slide micro switch subassembly

WARNING: Electrical shock hazard: Disconnect the electrical supply before attempting to make any repairs to the device.

CAUTION: Electronic components used in this device are subject to damage from static electricity. Repairs made to this device must be performed only in an antistatic, ESD-protected environment.



Linear Slide Micro Switch Subassembly

Linear Slide Micro Switch Subassembly Replacement (Continued)

Step 1 Removing the Linear Slide Micro Switch Subassembly

a. Remove the linear slide micro switch wiring harness female connector from the J9 receptacle on the controller printed circuit board (PCB).

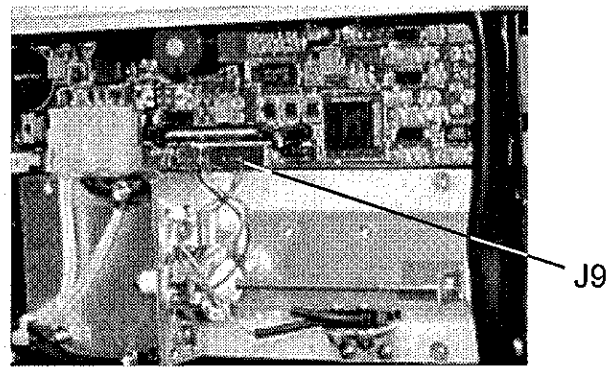


Figure 7-9
Location of the J9 Connection

b. Using a small Phillips screwdriver, remove the two Phillips screws that secure the linear slide micro switch bracket to the slide rail.

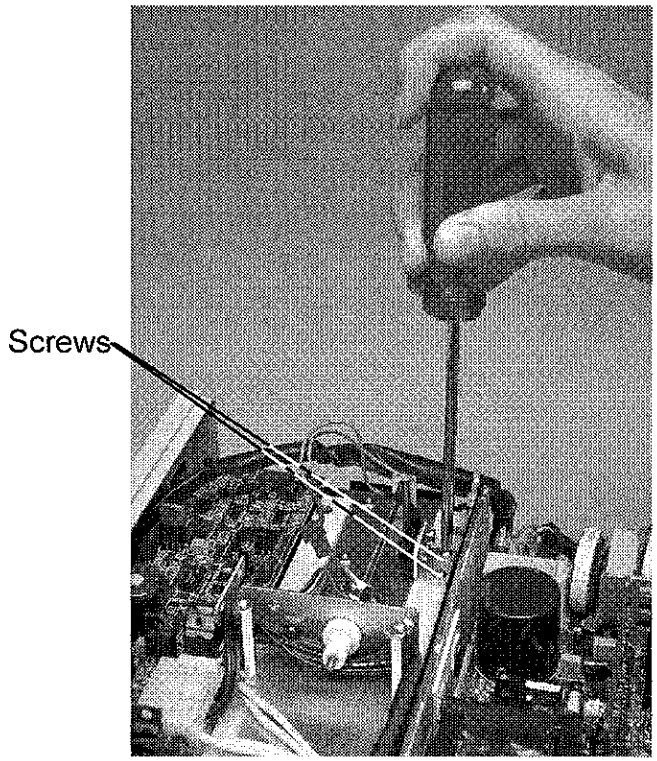


Figure 7-10
Location of the Linear Slide Micro Switch Bracket Screws

c. Remove the linear slide micro switch subassembly from the unit.

Linear Slide Micro Switch Subassembly Replacement (Continued)

Step 2 Installing the Linear Slide Micro Switch Subassembly

a. Align the holes in the linear slide micro switch bracket with the mounting holes in the slide rail.

b. Install and tighten the two Phillips screws that secure the linear slide micro switch bracket to the slide rail.

c. Insert the linear slide micro switch wiring harness female connector into the J9 receptacle on the controller PCB and gently press until completely seated.

7.4.10 AC Power Inlet Replacement

Replacement Part Number 3600-002

Included in Kit:	Tools Required:
AC power inlet	Phillips screwdriver (medium) Phillips screwdriver (small) 5/16" wrench or socket
Available in Fastener Kit: *6-32 × .375" flat head Phillips* screw (black) (×2) 6-32 Keps nut (×2)	

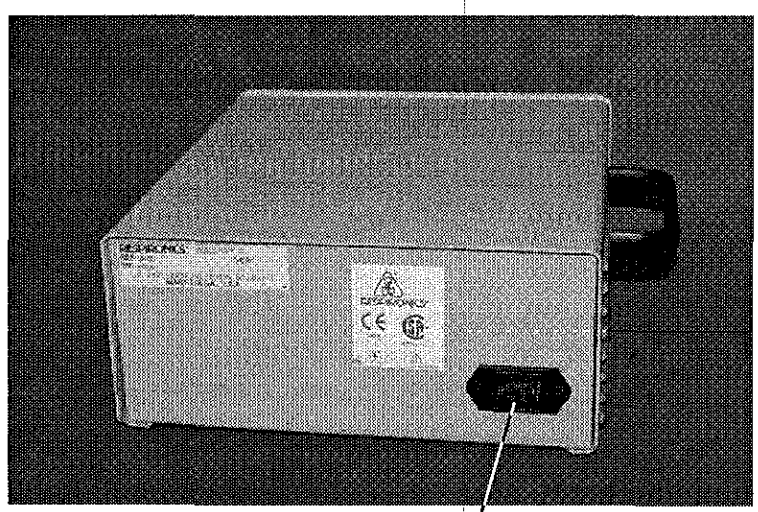
Procedure

Removed / Installed During Process:

- Light access door (See Section 5.4, Steps 2-4 for more detailed instructions.)
- Outer cover assembly (See Section 7.4.7 for more detailed instructions.)
- AC power inlet

WARNING: Electrical shock hazard: Disconnect the electrical supply before attempting to make any repairs to the device.

CAUTION: Electronic components used in this device are subject to damage from static electricity. Repairs made to this device must be performed only in an antistatic, ESD-protected environment.



AC Power Inlet Replacement (Continued)

Step 1 Removing the AC Power Inlet

a. Using a 5/16" wrench or socket, remove the first Keps nut that secures the AC power wiring harness ground wire (with ring terminal) to the grounding stud on the bottom of the main chassis.

b. Slide the ground wire (with ring terminal) off the grounding stud.

c. Again, using a 5/16" wrench or socket, remove the second Keps nut that secures the AC power inlet ground wire (with ring terminal) to the grounding stud on the bottom of the main chassis.

d. Slide the ground wire (with ring terminal) off the grounding stud.

e. Remove the AC power wiring harness female connectors by pulling the connectors straight out from the posts on the AC power inlet.

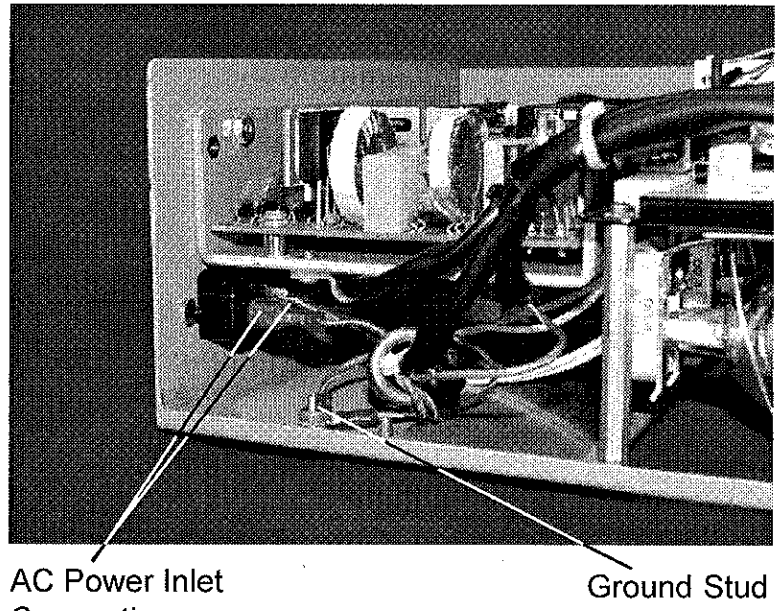


Figure 7-11
AC Power Inlet Connections

f. Working from the back of the unit and using a small Phillips screwdriver, remove the two flat head Phillips screws that secure the AC power inlet to the back of the main chassis.

g. Pull the AC power inlet (with attached ground wire) out through the cut-out on the back of the main chassis.

AC Power Inlet Replacement (Continued)

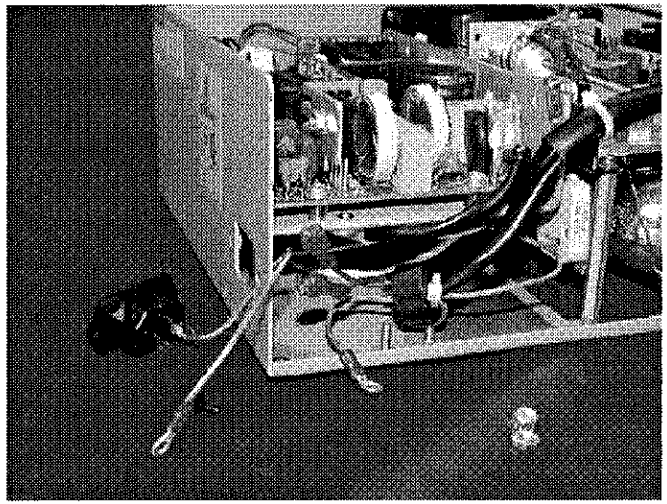


Figure 7-12
Removing the AC Power Inlet

Step 2 Installing the AC Power Inlet

a. Align the AC power inlet ground wire with the cut-out in the back of the main chassis and feed the ground wire through the opening.

b. Align the AC power inlet with the cut-out in the back of the main chassis and press the AC power inlet into the opening until it is completely seated.

c. Install and tighten the two flat head Phillips screws that secure the AC power inlet to the back of the main chassis.

d. Align the AC power wiring harness female connectors with the posts on the AC power inlet and gently push the connectors onto the posts.

NOTE: The blue wire is connected to the post nearest the side of the unit and the brown wire is connected to the post nearest the middle of the unit.

e. Slide the AC power inlet grounding wire ring terminal onto the grounding stud.

f. Install and tighten the first Keps nut onto the grounding stud.

g. Slide the AC power wiring harness grounding wire ring terminal onto the grounding stud.

h. Install and tighten the second Keps nut onto the grounding stud.

7.4.11 24 Volt Wiring Harness Replacement

Replacement Part Number 3600-018

Included in Kit:	Tools Required:
Wiring harness, 24 Volt	Phillips screwdriver (medium) Diagonals
Available in Fastener Kit:	
Cable tie	

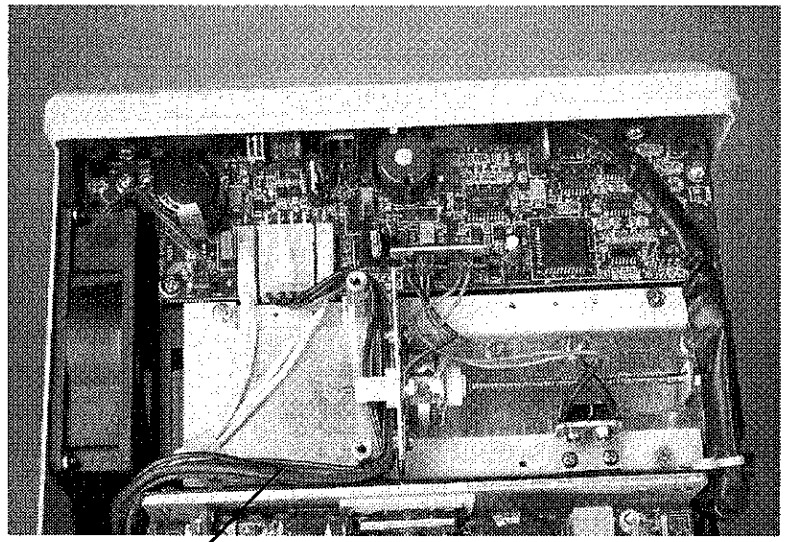
Procedure

Removed / Installed During Process:

- Light access door (See Section 5.4, Steps 2-4 for more detailed instructions.)
- Outer cover assembly (See Section 7.4.7 for more detailed instructions.)
- 24 Volt wiring harness

WARNING: Electrical shock hazard: Disconnect the electrical supply before attempting to make any repairs to the device.

CAUTION: Electronic components used in this device are subject to damage from static electricity. Repairs made to this device must be performed only in an antistatic, ESD-protected environment.



24 Volt Wiring Harness

24 Volt Wiring Harness Replacement (Continued)

Step 1 Removing the 24 Volt Wiring Harness

a. The 24 Volt wiring harness is routed around the two standoffs securing the linear stepper motor actuator bracket assembly and under the stepper motor tail. Release the 24 Volt wiring harness from those positions.

b. Using diagonals, cut the cable tie securing the 24 Volt wiring harness to the lamp holder wiring harnesses.

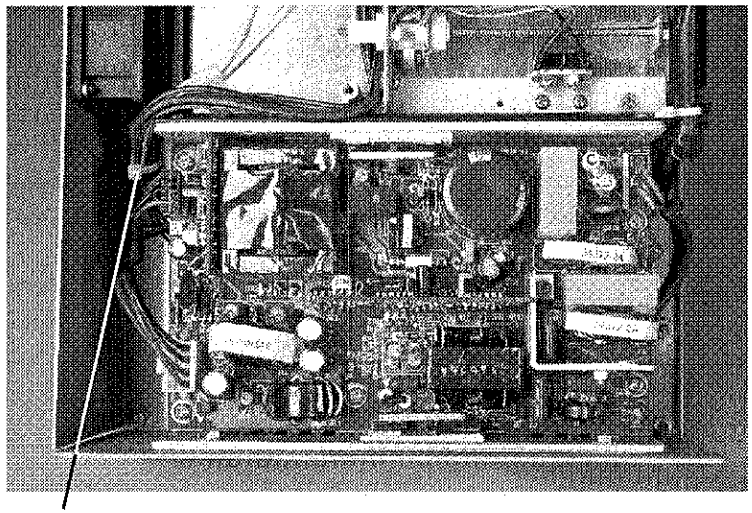


Figure 7-13
Location of the Cable Tie Securing the 24 Volt Wiring Harness

c. Depress the locking tab on the 24 Volt wiring harness male connector and remove the connector from the input power receptacle (J1) on the controller printed circuit board (PCB).

24 Volt Wiring Harness Replacement (Continued)

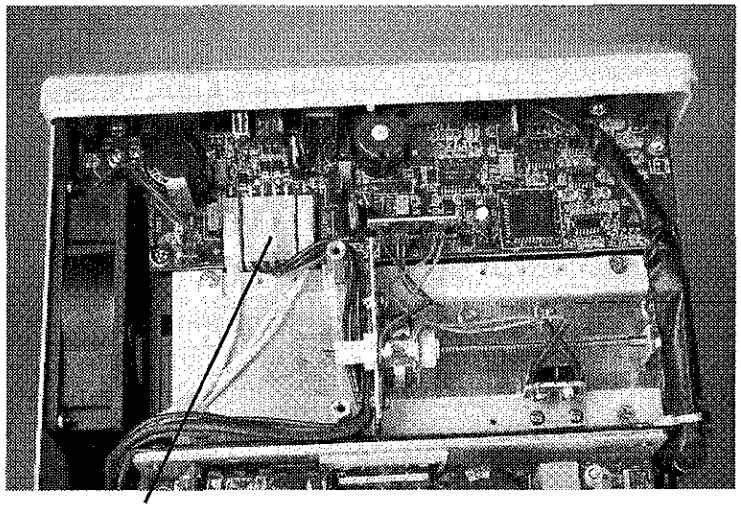


Figure 7-14
Input Power Receptacle (J1) Location on Controller PCB

d. Remove the wiring harness female connector from the J2 receptacle on the power supply assembly.

e. Depress the locking tab on the 24 Volt wiring harness male connector and remove the connector from the J3 receptacle on the power supply assembly.

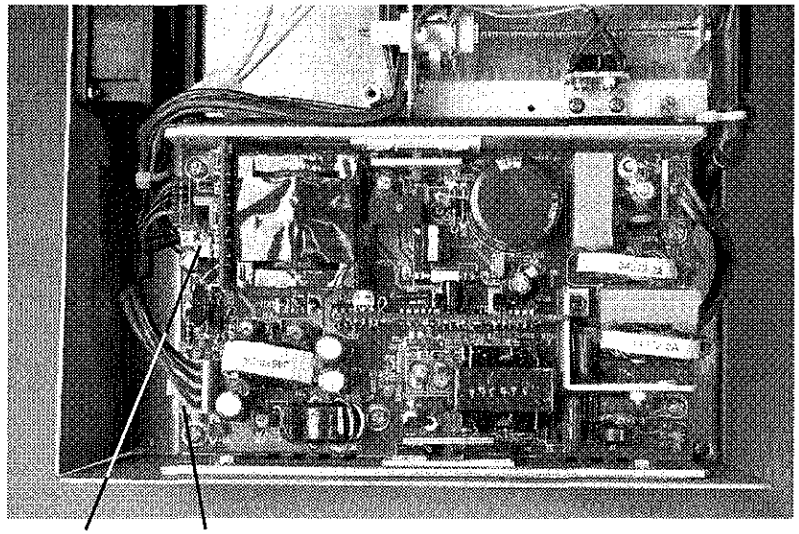


Figure 7-15
J2 and J3 Locations on the Power Supply Assembly

f. Remove the 24 Volt wiring harness from the unit.

24 Volt Wiring Harness Replacement (Continued)

Step 2 Installing the Wiring Harness, 24 Volt

a. Insert the 24 Volt wiring harness male connector into the J3 receptacle on the power supply assembly and gently press until it "snaps" into place.

b. Insert the 24 Volt wiring harness female connector onto the J2 receptacle on the power supply assembly and gently press until completely seated.

c. Insert the 24 Volt wiring harness male connector into the input power receptacle (J1) on the controller PCB and gently press until it "snaps" into place.

d. Route the 24 Volt wiring harness around the two standoffs securing the linear stepper motor actuator and under the stepper motor tail.

e. Secure the 24 Volt wiring harness to the lamp holder wiring harnesses. When looking from the front of the unit, this cable tie should be installed near the front, right corner of the power supply assembly.

7.4.12 Circulation Fan with Wiring Harness Replacement

Replacement Part Number 3600-003

Included in Kit:	Tools Required:
Circulation fan w/ wiring harness	Phillips screwdriver (medium) Phillips screwdriver (small)
Available in Fastener Kit:	
4-40 × .250" flat head Phillips screw (black) (×4)	

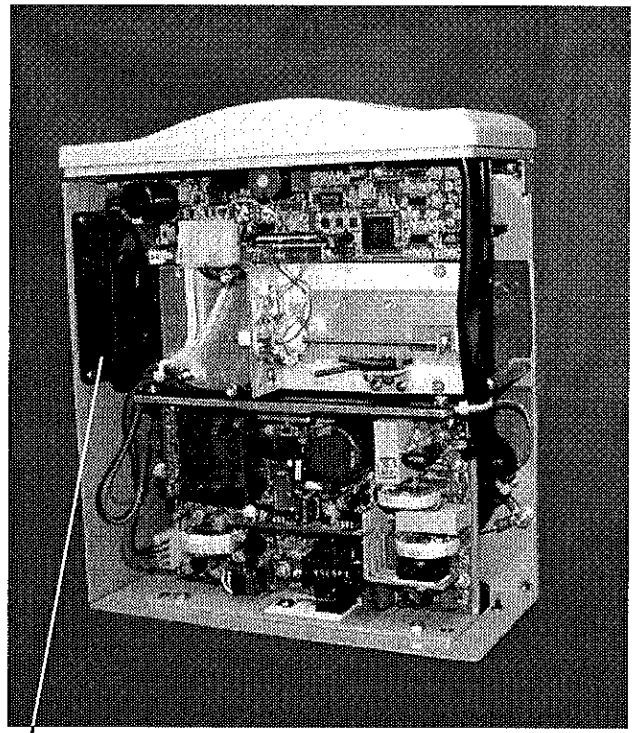
Procedure

Removed / Installed During Process:

- Light access door (See Section 5.4, Steps 2-4 for more detailed instructions.)
- Outer cover assembly (See Section 7.4.7 for more detailed instructions.)
- Circulation fan w/ wiring harness

WARNING: Electrical shock hazard: Disconnect the electrical supply before attempting to make any repairs to the device.

CAUTION: Electronic components used in this device are subject to damage from static electricity. Repairs made to this device must be performed only in an antistatic, ESD-protected environment.



Circulation Fan w/
Wiring Harness